

## Farmers' Department.

## Preparing Food for Stock.

It is a well established fact, that many of the articles used for stock feeding, are, in their natural or raw state, at least partially indigestible. As the object of the prudent farmer is to prevent waste, it is well to know in what direction efforts should be turned, to accomplish this desirable end. Although it is generally conceded that cut and cooked food is far more economical than that which is fed uncut or unground and raw, still the introduction of straw and fodder cutters, mills for bruising and grinding grain, and apparatus for steaming and boiling, are far from being the ordinary appendages of farms.

One of the greatest advantages of cutting hay and fodder, or the bruising of grain, and the boiling or steaming it afterwards, is the mechanical division which is effected by these means. In the case of roots, boiling or steaming separates the minute particles of which they are composed, thus presenting a larger surface to the action of the juices of the stomach. Again, the nutritive qualities of roots are greatly augmented, by their being subjected to the action of high temperature in the process of boiling or steaming. Again, cooked food is more highly relished, as a general thing, than raw. This is shown by the fact that potatoes are often refused in their raw state by stock, but are greedily eaten when cooked.

If additional evidence were wanting, it would be found in the farmer's own every day experience. Why does he not eat his grain in an uncooked and unground state? Why does he have his wheat and corn ground, and baked, if these processes do not render them more nutritious, wholesome and palatable? In fact, many substances which in their natural state are wholly unfitted for food—being unnutritious and indigestible, have chemical changes wrought in them by the action of strong heat, which converts them into profitable products.

Another advantage is the thorough mastication of the cooked food. This is not always possible with unprepared food, even with the most vigorous and well matured animals; but most especially in the case of very young or very old ones. With colts there is frequently difficult dentition, proceeding from inflamed and ulcerated gums, which prompts the suffering creature to swallow its food whole, and as a consequence digestion is imperfectly performed, and colic, diarrhoea and other troublesome and dangerous diseases follow. A host of other substantial reasons might be adduced, but enough has been said above to convince every reflecting farmer, that it is the part of wisdom and economy to present food to stock in its most palatable and nutritious form, and that the surest and best way to accomplish this, is to cut, grind and steam it.—*The Cultivator.*

## A few Maxims for Farmers.

1. The farmer, who does not return to his fields a dressing more than an equivalent to the crops gathered therefrom, is as unwise and thoughtless as he who would neglect to feed the horse that was to carry him on a journey. In both cases diminishing the ability of a faithful servant to minister to his wants.

2. The husbandman who obtains from a field not properly manured, a small yield of grain, when by sufficient manuring he might have obtained a large one, is selling his labor at half its value.

3. In all cases keep the best products of your farm, whether of grain or stock, for your own use, that improvements in each may result therefrom. If three poor sheep will bring as much as one good one, keep the one and sell the three.

4. Do not permit the remains of animal or vegetable substances to decay about your dwellings, but incorporate them with the soil or the compost heap, thereby securing the comfort and health of your family and adding to the attractiveness of your home.

5. Having things "near enough" often causes much trouble. The head-board to farmer A's cart was "near enough," consequently it came out in passing over a jolt, and with it half the potatoes. The keys of Mr B's wagon were rather small, but they were "near enough"—so they worked loose and the wagon and horse got wrecked together in going down hill. The bar to Capt. C's cow pasture was too short and yet it was "near enough"—but it dropped out one day and the cattle got through and destroyed his grain. It is better and cheaper in the end, if it does take a little more time, to have things just right.—*Maine Farmer.*

CORN BREAD.—Take one coffee-cup of sweet milk, and the same of sour cream; half a cup of sugar, and one teaspoonful of saleratus; two eggs, and half a cup of wheat flour. Thicken to a stiff batter, and bake one hour with a slow fire.

**HOW TO MAKE DOCTILE HORSES.**—The docility and amazing instinct of the Arab horse are shown to proceed mainly from his constant association with the family of his owner, sharing their food, sleeping in their tent, and from the early age at which he is broken in, which they say checks the development of the spleen, a very important point in the opinion of the Arabs. At the age of eighteen or twenty months the colt is mounted by a child, who takes him to water, goes in search of grass, or leads him to the pasture. Not to hurt the bars he guides him with a long, or tolerably soft mule's bit. This exercise is good for them both. The child grows up a horseman, and the colt acquires a habit of carrying a weight proportioned to his strength. He learns to walk, to fear nothing, and it is in this manner, say the Arabs, "that we contrive never to have restive horses." For the first few days the bit is covered with undressed wool, partly with a view not to hurt his bars, and partly to allure him to docility by the saltish flavor, of which he is so fond. When he begins to champ the bit the task is nearly accomplished. The preparatory exercise takes place morning and evening. Thus sagaciously handled, the young animal will be ready to be mounted in the early part of autumn, when he will be less tormented by the flies and heat. Wealthy owners, before they allow their colts to be mounted by a grown man, sometimes have him led up and down gently for a fortnight, with a pack saddle on his back, supporting two baskets filled with sand. When he is about thirty months old, the colt is taught not to break loose from his rider when the latter sets foot on earth, and not even stir from the spot where the bridle has been passed over his head and allowed to drag on the ground. Especial care is taken in teaching this lesson, because it is one of great importance in Arab life.

Wool.—In 1810 the first bale of wool, weighing 160 pounds, was received in England from New South Wales. In 1863 the amount received was 76 millions of pounds of the finest quality, a considerable portion of which was purchased on German account, whence we formerly derived most of our supplies. Queensland now supplies 18 million of pounds annually, with every prospect of an increase.

The sentences of courts martial in the cases of one colonel, one lieutenant-colonel, four majors, 29 captains, 30 first lieutenants, 21 second lieutenants and two surgeons have been officially promulgated. They were convicted among other things of drunkenness, shamefully abandoning their positions in front of the enemy, inducing others to run away, stealing, lying, false musters, drinking stimulants intended for the use of the sick, encouraging soldiers to plunder and pillage private citizens, embezzling commissary stores, desertion, opening private letters, misbehavior in the face of the enemy, &c. These officers are punished in different ways, most of them being dishonorably dismissed the service and cashiered.

Alex Vattmare, the French gentleman, whose name has been so conspicuously identified with the subject of international exchanges, and whose contributions to the Astor Library will be remembered, died in Paris on the 7th of April, 1864.

A company has been formed in Salem, with a capital of \$20,000, called the "Salem Leg Company," for the manufacture of what is known as the "Salem Leg," which Dr. Pierson certifies, "is superior to any other now in use."

A Boston merchant who failed twenty years ago and subsequently was able to pay all his debts, has recently also paid the interest on those debts, which he was unable to meet when he settled the principal. A case of simple honesty only too rare.

**PROSPECTUS OF THE VERMONT TRANSCRIPT,** A NEW WEEKLY UNION PAPER, ESTABLISHED AT ST. ALBANS, VT. For the free discussion of current topics in every department of American life. The VERMONT TRANSCRIPT is designed to be a thoroughly Union Vermont newspaper. Its motto will be "Liberty and Union, now and forever, one and inseparable." In its columns will be found the fullest and latest intelligence of the day. Early reports of the markets and reliable items of financial intelligence, will be regularly given. Practical articles upon agricultural and commercial subjects will find a place in its columns. In the department of literary miscellany it will strive to be surpassed by no other weekly journal. In variety and fullness of information on current topics, and in the extent of its correspondence, it will endeavor to give satisfaction to all.

Its typographical appearance will be such as to commend it to all classes of readers. The advantage of new type, and diligent attention to its mechanical neatness and accuracy, The TRANSCRIPT will aim to merit, and hope to secure, a reasonable measure of popular favor. Endeavoring to offer at once an instructive and entertaining Family Paper, and a carefully digested record of current events, the Publisher will strive to render THE VERMONT TRANSCRIPT a daily newspaper, such as good citizens will be glad to encourage and sustain their friends.

H. A. CUTLER, Publisher.

## TAKE NOTICE, ALL THOSE DESIRING PERFECT "FITS."

The subscriber presents his grateful acknowledgments for the liberal patronage which he has been favored for the last fifteen years, and invites a continuance of the same. He still keeps his shop over James Sax's store, and gives special attention to

**CUSTOM WORK.** His garments are made in the most SUBSTANTIAL AND FASHIONABLE MANNER, and being an experienced Cutter and Workman, he is able to guarantee satisfaction to all who may favor him with their orders.

MICHAEL BRISCOLL, 147 St. Albans, March 18, 1864.

## New Goods!

## CAMPAIGN OPENED

At No. 2 Darrow Block:

The subscriber has received, and is receiving almost daily, large additions to his stock of

## Clothing and Furnishing Goods,

making his assortment the largest and most complete of any in Vermont, and will be sold for cash at a very small advance from cost.

## BLACK PROCK COATS,

Fancy Cassimere Frocks and Sacks

Of the latest style and finish.

## Black Doe Pants,

Fancy light colored and dark

## CASSIMERE PANTS,

AND VESTS TO MATCH.

## SPRING OVER SACKS,

## RUBBER COATS.

Linon and Fancy Boston SHIRTS; Flannel SHIRTS, a great variety; GLOVES (Colored, Tan, Black, &c.); STOCKS, SUSPENDERS, HATS, CAPS, UMBRELLAS, &c., &c.

REMEMBER THE PLACE, No. 2 Darrow Block, St. Albans, Vermont.

WM. N. SMITH, 147

## THE UNITED STATES CHRISTIAN COMMISSION.

The United States Christian Commission, which was organized in 1862, for the purpose of promoting the Christian religion among the soldiers, sailors, and marines of the United States Army and Navy, is now in the midst of its annual campaign.

The Commission is composed of representatives of the various Christian churches of the United States, and its object is to send forth a large number of Christian workers to the front, to minister to the spiritual needs of the soldiers and sailors.

The Commission is now in the midst of its annual campaign, and is sending forth a large number of Christian workers to the front, to minister to the spiritual needs of the soldiers and sailors.

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## U. S. 7-30 LOAN.

The Secretary of the Treasury gives notice that subscriptions will be received for Coupon Treasury Notes, payable in three years from August 15th, 1864, with semi-annual interest at the rate of seven and three-tenths per cent. per annum—principal and interest both to be paid in lawful money.

These notes will be convertible at the option of the holder at maturity, into six percent gold bearing bonds, payable not less than five nor more than twenty years from their date, as the Government may elect. They will be issued in denominations of \$50, \$100, \$500, \$1,000 and \$5,000, and all subscriptions must be for fifty dollars or some multiple of fifty dollars.

The notes will be issued to the owners free of transportation charges as soon after the receipt of the original Certificates of Deposit as they can be prepared.

As the notes draw interest from August 15th, persons making deposits subsequently to that date must pay the interest accrued from date of note to date of deposit.

Parties depositing twenty-five thousand dollars and upwards for these notes at any one time will be allowed a commission of one-quarter of one per cent, which will be paid by the Treasury Department upon the receipt of a bill for the amount, certified to by the officer with whom the deposit was made. No deduction for commission must be made from the deposits.

**SPECIAL ADVANTAGES OF THIS LOAN.** It is a NATIONAL SAVINGS BANK, offering a higher rate of interest than any other, and the best security. Any savings bank which pays its depositors in U. S. Notes, considers that it is paying in the best circulating medium of the country, and it cannot pay in anything better, for its assets are either in government securities or in notes or bonds payable in government paper.

It is equally convenient as a temporary or permanent investment. The notes can always be sold for within a fraction of their face and accumulated interest, and are the best security with banks as collaterals for discounts.

Convertible into a 6 per cent. 5-20 Gold Bond.

In addition to the very liberal interest on the notes for three years, this privilege of conversion is now worth about three per cent. per annum. For the current rate of 5-20 Bonds is not less than nine per cent. premium, and before the war the premium on six per cent. U. S. Stocks was over twenty per cent. It will be seen that the actual profit on this loan, at the present market rate, is not less than ten per cent. per annum.

Its Exemption from State or Municipal Taxation. But aside from all the advantages we have enumerated, a special Act of Congress exempts all United States Treasury Notes from local taxation. On the average this exemption is worth about two per cent. per annum, according to the rate of taxation in various parts of the country.

It is believed that no securities offer so great inducements to lenders as those issued by the Government. In all other forms of investment, the faith or ability of private parties, or stock companies, or separate communities, only, is pledged for payment, while the whole population of the country is held to secure the discharge of all obligations of the United States.

While the Government offers the most liberal terms for its loans, it believes that the very strongest appeal will be to the loyalty and patriotism of the people.

Parties desiring to be issued for all deposits, the party depositing must endorse up on the original certificate the denomination of notes required, and whether they are to be issued in bank or payable to order. When so endorsed it must be left with the officer receiving the deposit, to be forwarded to the Treasury Department.

Subscriptions will be received by the Treasurer of the United States, at Washington, the several Assistant Treasurers and designated Depositories, and by the

**FIRST NATIONAL BANK OF ST. ALBANS, VT.** and by all National Banks which are depositories of public money, and

throughout the country will give further information.

APPROVED EVERY FACILITY TO SUBSCRIBERS.

**CLOVER HONEY!** 1,000 LBS. JUST RECEIVED FROM THE ITALIANS,

AT THE ITALIAN APIARY, IN SWANTON.

Two and a half miles north of St. Albans. Also for sale a few swarms of

**GENUINE ITALIAN BEES.** Address, A. H. ROSSINGER, St. Albans, Vt.

## NEW DRUG STORE

## AT ST. ALBANS.

The subscriber would respectfully inform the residents of St. Albans and vicinity, that he has opened a new

**Drug Store** in the building formerly occupied by Miss Beattie, one door north of Wyman & Huntington's Store, where he has on hand a large and well selected stock of Goods in his line, at a low price for cash, and for sale as low as can be afforded.

**DRUGS** Of all kinds.

**PATENT MEDICINES.** All the new and approved varieties.

**CHEMICALS, DYE STUFFS, DYE WOODS,** Perfumery and Fancy Goods,

TRUSSES, SUPPORTERS, SHOULDER BRACES, &c., &c.

**The St. Albans Liquor Agency** has been removed to this Store, where can be found pure Liquors for MEDICAL PURPOSES.

Physicians' orders solicited and carefully filled. Prescriptions put up by a competent person, thoroughly bred to the business, and understanding the business.

Shop open for necessary purchases on Sundays, from 12 M. till 1 P. M.

**WHEELER & WILSON'S SEWING MACHINE.** Office in Farrar Brothers New Building, 21 floor, St. Albans, Vt. 2-13

**RUSSELL ARMITAGE,** Wholesale and Retail Dealer in general GROCERIES AND PROVISIONS. Lake Street, St. Albans, March 17, 1864. 147

## DON'T FAIL TO READ THIS!

Coffee! Coffee!! Coffee!!!

**EAST INDIA COFFEE CO.,** 154 Reade Street (three doors from Green Street), N. Y., call universal attention to their

**Kent's East India Coffee** has the flavor of OLD GOVERNMENT JAVA and is but half the price, and also that

**KENT'S EAST INDIA COFFEE** has twice the strength of Java, or any other Coffee whatever, and wherever used by our first class hotels and steamships, the stewards say there is no equal to it.

**KENT'S EAST INDIA COFFEE** is the most healthy beverage known, and is very nutritious. The weak and indurated may use it at all times with impunity. The wife of the Rev. W. Leves, local agent of the M. E. Church, Jersey City, who has not been able to use any other Coffee for fifteen years, can use

**KENT'S EAST INDIA COFFEE** three times without injury, it being entirely free from those properties which produce nervous excitement.

**KENT'S EAST INDIA COFFEE.** I advise my patients to drink it universally, even those to whom I have hitherto prohibited the use of Coffee.

**KENT'S EAST INDIA COFFEE** is used daily by the families of Bishop Ames, Bishop Baker, Bishop Jones, and many of the most distinguished clergymen and professional men in the country.

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**Beware of Counterfeits!** and be sure that the packages are labeled

**KENT'S EAST INDIA COFFEE** 154 Reade Street, New York.

As there are numerous counterfeiters abroad under the name of "Genuine East India Coffee," "Original East India Coffee," &c., &c., put forth by impostors to deceive the unwary.

In 100 packages, each in boxes of 30, 60, and 100 lbs., for grocers and large consumers. Sold by Grocers generally.

Orders from country Grocers admitted, to whom a very liberal discount will be made.

Wholesale Agents: Hoist & Moulton and W. J. Hoist & Bro., Philadelphia; Francis H. Perry, Providence; J. C. & Co., Boston; J. C. & Co., New York; J. C. & Co., Chicago.

The American Advertising Agency, 308 Broadway, N. Y., will receive orders for the above named Coffees.

Business Dep. Correspond. Dep. E. ALVORD, POWELL & WELLS, 17-3m

**DR. MARSHALL'S HEADACHE AND CATARRH SNUFF.** This Snuff has thoroughly proved itself to be the best article ever known for curing the Catarrh, Cold in the Head, and Headache. It has been used by one thousand men in many cases of these affections, and has been found to be a most valuable remedy.

More than thirty years' experience has proved its great value; and at this moment it stands higher than ever before.

Sold by all Druggists.

**WORCESTER'S ROYAL QUARTO DICTIONARY.** THE BEST DICTIONARY EXTANT.

This massive volume contains one thousand eight hundred and fifty-four pages. It is illustrated by more than one thousand wood cuts, five thousand words are acronyms pronounced, the many fields of proper names pronounced, very full and accurate.

Quarto Dictionary is a standard authority among authors and literary men wherever the English language is spoken. Every family and every student of the language should possess a copy, for it is a library in itself. A few testimonials are given:

From WILLIAM CULLEN BRYANT (of Washington): "The conciseness and completeness of the definitions, and the conscientious accuracy of the work in all its details, are such as to make it, in my judgment, the highest claim to public favor."

From PROF. OLIVER WENDEL HOLMES, Boston: "It is, indeed, a monumental work, and one of which our city and country may be proud as long as we have a city, a country, and a language."

From CHARLES DICKENS, England: "It is a most remarkable work, of which America will be justly proud, and for which all who study the English language will long have reason to respect your name; and to be grateful to you for the high claims to public favor."

From Rev. W. W. WELLS, D. D., Master of Trinity College, Cambridge, Author of "History of the Inductive Sciences": "I have repeatedly consulted the Dictionary since it has been in my possession, and have good reason to think it more complete and exact than any of its predecessors."

From Rev. Joseph Bosworth, D. D., F. R. S., Professor of Anglo-Saxon in Oxford University, England: "The whole work is the most comprehensive and useful that I have yet seen. It is the most complete and accurate of any I know of, and the cheapest, English Dictionary that I know of."

From C. C. FELTON, LL. B., late President of Harvard College: "I find it not only rich beyond example in its vocabulary, but also elaborated in all its details, and thoroughly trustworthy as a guide to the most correct and elegant usage of the language."

From HON. CHARLES SUMNER: "I know no one who has done so much as you for all departments, and given to our language a Dictionary so complete and many-sided."

The best existing English Lexicon.—*London Athenaeum* "We have never failed to get a right answer from this Dictionary, and we have done so in every case."

The most useful and complete work of reference in a single volume that we possess.—*London Reader* "The cheapest and cheapest English Dictionary the world has yet seen.—*London Critic*

Worcester's Series of Dictionaries. School Dictionary, Elementary Dictionary, Comprehensive Dictionary, Academic Dictionary, Universal and Critical Dictionary, Quarto Dictionary.

BREWSTER & TILSTON, No. 131 Washington St., Boston.

**INSURANCE.**—The undersigned will take risks for either of the following first class Insurance Companies:

**HOMER INSURANCE COMPANY** OF NEW HAVEN: Capital Stock, \$200,000. Three-fourths of the profits divided among Policy holders.

**HAMPDEN INSURANCE COMPANY,** Capital Stock, \$200,000.

**WESTERN MASSACHUSETTS INSURANCE COMPANY,** Capital Stock, \$200,000.

**CITY FIRE INSURANCE COMPANY,** Capital Stock, \$300,000.

Each of the above amounts of Stock is paid in.

Office over Weeks' Store, St. Albans, Vt. April 6, 1864.

## NEW GOODS

—AT—

**MARVIN'S!**

We have just received from market a fresh supply of Dry Goods, consisting in part of

**FANCY DRESS GOODS** De Laines, Challies, Poplins, De Bages, Wool De Laines, Mourning Dress Goods, both figured and plain Alpacas, Ginghams, Lawns, Chambrays, Prints, Sheetings, Shirtings, Stripes, Denims, Ticks, &c., &c.

**SHAWLS,** Sun Umbrellas, Raincoat Skirts, Hosiery, Bonnet Ribbons, Trimmings, Ribbons, Taffeta and Satin Ribbons, black and fancy Velvet Ribbons, a choice lot of

**WHITE GOODS,** Black and Bonnet Silks, Buck Trimmings, Trimming Buttons, Yankee Notions, Gloves and Hosiery, Bonnets, Millinery Goods, Cloakings, Cloths, Count, Vest, and Pant Trimmings, Umbrellas, &c., &c.

Also, received a full supply of

**CHOICE GROCERIES,** Such as Brown, Coffee, Crushed and Granulated Sugars; Tea, Coffee, Tobacco—fine cut, plug, and smoking; Rice, Spice, Ginger, Pepper, Cloves, Nutmegs, Starch, Saleratus, Mustard, and a superior quality of SYRUP.

Brooms, Matches, &c., &c.

All the articles above enumerated are offered for sale at the lowest cash prices.

Please call on our NEW LOCATION, at the Store formerly occupied by S. & W. W. GARDNER.

St. Albans, March 28, 1864.

**MARVIN.** 3-13

**NEW FIRM.**—The subscribers having purchased the Shop and Stock of H. M. Stevens, and formed a co-partnership under the name and style of

**S. S. & J. A. BEDARD,** would respectfully notify the people of Franklin County and vicinity, that they have fitted up a new and commodious place for the sale of

**HARNESS SHOP** on Main Street, St. Albans, adjoining the Drug Store of L. L. Dufur and Son, where they will keep on hand and manufacture to order, all kinds of

Harnesses, Saddles, Bridles, Halters, Whips, Horse Blankets, Belts, Trunks, Valises, &c., &c.

They will pay special attention to Harness Making and Carriage Trimming, in all their branches.

Intending to employ experienced workmen only, and to sell their goods at a fair